

## SAFETY DATA SHEET Black Repair Sprayable Ink

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MSDS141 Revision 1  
Revision Date 05/29/2015

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** Black Repair Sprayable Ink

**Additional Names** None

**Description** Black Ink

**Intended Use** Sprayable black ink.

**Company** LCR Hallcrest  
1911 Pickwick Lane  
Glenview  
IL 60026 USA

**Web** [www.hallcrest.com](http://www.hallcrest.com)  
**Telephone** +1 847 998 8580  
**Fax** +1 847 998 6866  
**Email** [sales@hallcrest.com](mailto:sales@hallcrest.com)

**Emergency telephone number** Chemtel

**Domestic:** 800-255-3924

**Intl:** +01-813-248-0585

### 2. HAZARDS IDENTIFICATION.

#### GHS Classification

No Significant Hazard

#### GHS Label Elements

**Pictogram** No symbol  
**Signal Word** No Signal Word  
**Hazard Statement** No Statements  
**Precautionary Statements** No Statements  
**Other hazards which do not result in classification:** None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS.

| Hazardous ingredients | Classification   | Conc. | CAS     |
|-----------------------|--|-------|---------|
| Isopropanol           | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; | 1-10% | 67-63-0 |

### 4. FIRST AID MEASURES

#### Description of first aid measures

**Skin contact** May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**Eye contact** May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** May cause irritation to mucous membranes. Move the exposed person to fresh air.

**Ingestion** May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

#### Most important symptoms and effect, both acute or delayed.

**Skin contact** May cause irritation to skin. Rinse immediately with plenty of water.

**Eye contact** May cause irritation to eyes. Seek medical attention if irritation or symptoms persist.

**Inhalation** No Significant Hazard.

**Ingestion** If you feel unwell, seek medical advice (show the label where possible).

#### Indication of any immediate medical attention and special treatment needed.

**Skin contact** No Significant Hazard. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.

**Eye contact** May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** No Significant Hazard.  
**Ingestion** If you feel unwell, seek medical advice (show the label where possible).

**5. FIRE FIGHTING MEASURES**

**Extinguishing Media** Use extinguishing media appropriate to the surrounding fire conditions.

**Specific hazards arising from the chemical** Burning produces irritating, toxic and obnoxious fumes.

**Special protective actions for fire-fighters** Wear suitable respiratory equipment when necessary.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, protective equipment and emergency procedures** Ensure adequate ventilation of the working area.

**Environmental Precautions** Do not allow product to enter drains. Prevent further spillage if safe.  
**Methods and material for containment and cleaning up** Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Individual protection measures** Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing

**Conditions for safe storage, including incompatibilities:** Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

**Suitable Packaging:** Plastic construction.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limits Values**

|                    |                             |     |                               |      |
|--------------------|-----------------------------|-----|-------------------------------|------|
| <b>Isopropanol</b> | <b>WEL 8-hr limit PPM</b>   | 400 | <b>WEL 8-hr limit mg/m3</b>   | 999  |
|                    | <b>WEL 15 min limit ppm</b> | 500 | <b>WEL 15 min limit mg/m3</b> | 1250 |

**Individual Protection Measures**

**Individual protection measures** Wear chemical protective clothing.

**Eye/face protection** Approved safety goggles

**Skin protection – Hand protection** Chemical resistant gloves (PVC).

**Respiratory protection** Wear suitable respiratory equipment.

**Appropriate Engineering Controls** Ensure adequate ventilation of the working area.

**Environmental Exposure Controls** Use appropriate container to avoid environmental contamination.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** Liquid

**Colors** Black

**Odor** Characteristic

**Odor threshold** N/A

**pH** 5-7.5

**Melting Point/Freezing Point** No testing available.

**Initial Boiling Point and Boiling Range** 100°C

**Flash Point** No testing available.

**Evaporation rate** No testing available.

**Flammability** No testing available.

**Upper/Lower Flammability or Explosive Limits** No testing available.

**Vapor Pressure** No testing available.

**Specific Gravity** 1.0 – 1.1

**10. STABILITY AND REACTIVITY**

**Reactivity** Stable

**Chemical Stability** Stable under normal conditions  
**Possibility of hazardous reactions** No significant hazard  
**Conditions to avoid** No significant hazard  
**Incompatible materials** No significant hazard. Strong acids. Strong bases.  
**Hazardous Decomposition Products** Burning produces obnoxious and irritating fumes.

| 11. TOXICOLOGICAL INFORMATION            |   |
|--|---|
| <b>Toxicological Information</b>         |   |
| <b>Isopropanol</b>                       | Oral Rate LD50 : 5000mg/kg<br>Dermal Rabbit LD50:12800 mg/kg<br>Oral Mouse LD50: 3600 mg/kg |
| <b>Skin corrosion/irritation</b>         | No test data available  |
| <b>Serious eye damage/irritation</b>     | No test data available  |
| <b>Respiratory or skin sensitization</b> | No test data available  |
| <b>Germ cell mutagenicity</b>            | No test data available  |
| <b>Carcinogenicity</b>                   | No test data available  |
| <b>Reproductive toxicity</b>             | No test data available  |
| <b>STOT-single exposure</b>              | No test data available  |
| <b>STOT-repeat exposure</b>              | No test data available  |
| <b>Aspiration hazard</b>                 | No test data available  |
| <b>Likely routes to exposure</b>         | No data available   |

| 12. ECOLOGICAL INFORMATION           |                                       |
|--------------------------------------|---------------------------------------|
| <b>Toxicity</b>                      | No data is available on this product. |
| <b>Persistence and degradability</b> | No data available                     |
| <b>Bioaccumulative potential</b>     | No data available                     |
| <b>Mobility in soil</b>              | No data available                     |
| <b>Other adverse effects</b>         | No data available                     |

| 13. DISPOSAL CONSIDERATIONS |   |
|-----------------------------|---|
| <b>General information</b>  | Dispose of in compliance with all local and national regulations. |

| 14. TRANSPORT INFORMATION               |   |
|---|---|
| <b>UN Number</b>                        | This product is not classified as dangerous for carriage. |
| <b>UN Proper Shipping Name</b>          | This product is not classified as dangerous for carriage. |
| <b>Transport Hazard class(es)</b>       | This product is not classified as dangerous for carriage. |
| <b>Packing Group (if applicable)</b>    | This product is not classified as dangerous for carriage. |
| <b>Environmental Hazards</b>            | This product is not classified as dangerous for carriage. |
| <b>Special Precautions for the User</b> | This product is not classified as dangerous for carriage. |
| <b>DOT</b>                              | This product is not classified as dangerous for carriage. |
| <b>IMDG</b>                             | This product is not classified as dangerous for carriage. |
| <b>IATA</b>                             | This product is not classified as dangerous for carriage. |

| 15. REGULATORY INFORMATION |      |    |         |           |        |        |        |         |         |
|----------------------------|------|----|---------|-----------|--------|--------|--------|---------|---------|
| Inventories                |      |    |         |           |        |        |        |         |         |
| Ingredient                 | TSCA | MA | SARA313 | CALPROP65 | CWA307 | CAA112 | CWA311 | SARA302 | SARA304 |
| Isopropanol                | Y    | Y  | Y1.0    | N         | N      | N      | N      | N       | N       |

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency,

amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Chemical safety assessment: For this product a chemical safety assessment was not carried out.

#### 16. OTHER INFORMATION

|                            |  |
|----------------------------|--|
| <b>Statement of Hazard</b> | Flam. Liq. 2: H225 - Highly flammable liquid and vapour.<br>Eye Irrit. 2: H319 - Causes serious eye irritation.<br>STOT SE 3: H336 - May cause drowsiness or dizziness.  |
| <b>Further information</b> | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. |
| <b>HMIS LABELLING</b>      | HEALTH 0, FLAMMABILITY 0, PHYSICAL HAZARD 0.   |
| <b>Revision History</b>    | Revision 1: Initial Revision.  |